

Tucson Water Arsenic Research Continues

In January, the U.S. Environmental Protection Agency (EPA) published a new, more stringent limit of 10 parts per billion for the amount of arsenic allowed in drinking water. In March, the EPA then put a hold on this new regulation until further study and



public comment could be done. This means that the previous limit of 50 parts per billion remains in effect.

In partnership with other water providers and a national water research agency, Tucson Water is in the midst of a year-long research project to determine the best method of removing arsenic from drinking water, and the costs of building and operating an arsenic treatment facility. We will continue this research so that no matter what arsenic limit the EPA sets, Tucson Water will be able to ensure that your drinking water always meets all health and safety standards.

1900 - 2001
100 Years of Serving Tucson

Your Water Connection

Tucson's New Water Resource

Clearwater Now Flowing Into Tucson

On May 3rd, Tucson Water began adding the Clearwater Blend to our water distribution system. Millions of gallons of this blend of recharged Colorado River water and groundwater are flowing from Avra Valley into Tucson each day. Here the water blends once again with groundwater from our existing wells.

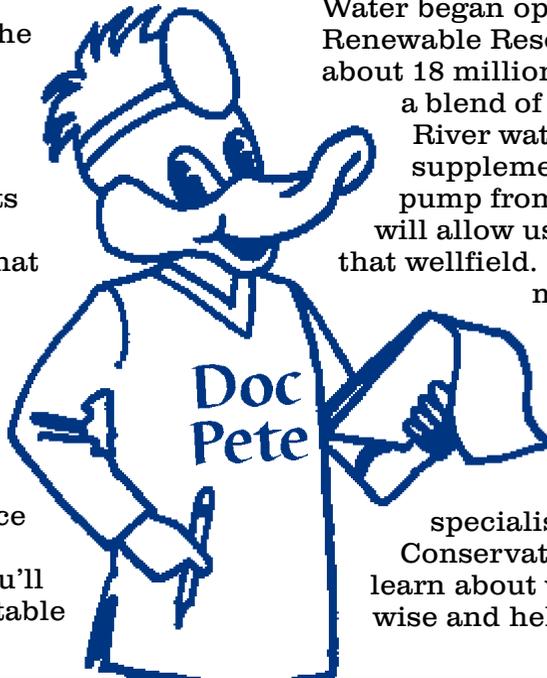
If you're interested in information about Clearwater, the water quality of this new water, how the recharge and blending works, or have other questions, visit Tucson Water's web site at www.ci.tucson.az.us/water/ or call us at 791-4331 (Clearwater Water Quality Report inside).

June 2001 <http://www.ci.tucson.az.us/water/>

Business and Residential Customers Asked to Watch Water Waste Beat The Peak – The Recovery Begins!

It's summer, and that means it's time to "Beat The Peak." Pete the Beak, Tucson Water's conservation duck mascot, reminds us that even though we've been using more groundwater than nature can replenish, there is a way for the water table to recover. How does the recovery begin? Doc Pete's prescription is to make every drop count—be water wise and help the water table rise!

Tucsonans have a reputation for being world-class water savers. Doc Pete wants to keep that tradition alive. Did you know that more than 60% of the water we use during the summer months is used outdoors? By learning to irrigate properly, you should be able to water your plants twice a week. You'll have healthy plants and you'll be helping the water table



recover, too. If you're thinking about doing some planting, remember that our summer heat is tough on new plants. For best results, consider planting during the cooler months. Your plants will do better and will require less water.

On a larger scale, our new water supply from Clearwater will help the water table recover, too. In May, Tucson Water began operating the Clearwater Renewable Resource Facility. This year, about 18 million gallons a day (MGD) of a blend of recharged Colorado River water and groundwater will supplement some of the water we pump from the Central Wellfield. It will allow us to turn off 25 wells in that wellfield. So, by conserving our most precious resource, you'll be helping to keep the wells off!

Want to learn more? Doc Pete recommends speaking with a specialist. Call our Water Conservation Office at 791-4556 to learn about ways you can be water wise and help our water table rise.

Visit the Tucson Water Web Site at <http://www.ci.tucson.az.us/water/>



The Water Connection is produced by Tucson Water. To receive a copy, or to receive this information in Spanish, call 791-4331 or mail your request to:
Customer Information
P.O. Box 27210
Tucson, AZ 85726-7210

City of Tucson
TTY number: 791-2639

Para recibir esta información en español, sírvase llamar al 791-4331.

Results of Testing on Your New Blended Water

Clearwater Water Quality Report

You can compare the water quality sampling results for the Clearwater blend to the averages for your water quality zone. For more up-to-date information about the quality of the water in your neighborhood, check Tucson Water's web site -

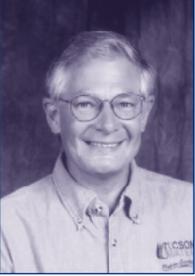
www.ci.tucson.az.us/water/

42	Sodium (mg/L)
212	Mineral Content (mg/L)
62	Hardness (mg/L)
7.8	pH (units)
Neg.	Coliform Bacteria
1.05	Chlorine level average (mg/L)
87	Temp (F)

Note: Because Clearwater water quality data is taken from a single point (where the water enters our water system) Tucson Water is able to provide more up-to-date reports than we can with our groundwater system which has 257 water quality sampling points.



On the Water Front



Is wise water use still important? I've been asked that question a number of times by business and residential customers since early May when Tucson Water began adding millions of gallons

of blended water from the Clearwater Facility to our drinking water system.

The answer to the question is yes - despite the introduction of this new water resource - not wasting water remains very important in Tucson.

Not wasting water doesn't mean letting your plants die or placing hardships on yourself or your family. It means repairing leaking faucets, attending one of our free workshops and learning how to have a WaterSmart landscape, sweeping your

driveway instead of spraying it clean with water - basically, just being smart with water use.

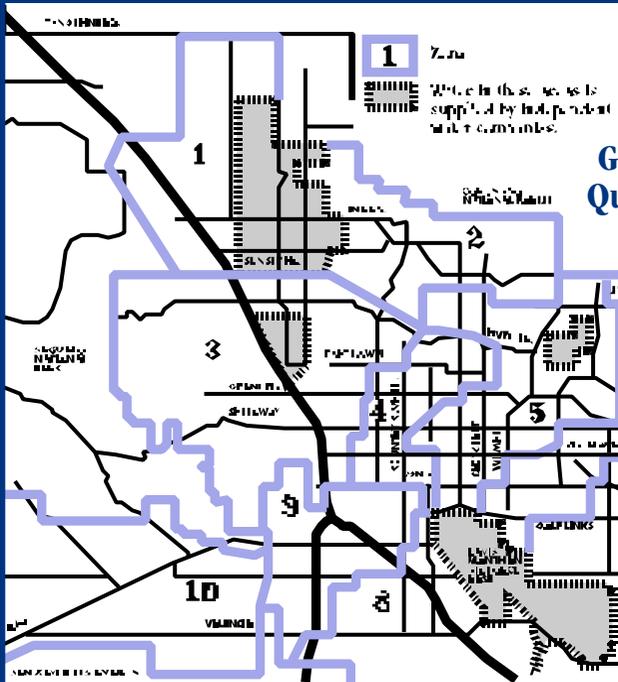
Businesses need to help too. Tucson Water is working closely with local businesses to help them be more careful with irrigation and to enforce the City's water waste ordinance at commercial properties.

When you live in a desert, it just makes sense to avoid water waste. Using water wisely like this will be good for all of us in many ways. If you have questions about how you can avoid wasting water, call us at 791-4556.

David V. Modeer
Director, Tucson Water

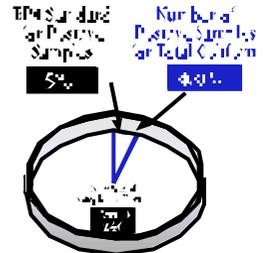
GROUNDWATER QUALITY REPORT - March 2001

Water Quality Zone		1	2	3	4	5	6	7	8	9	10	System Wide
Sodium (ppm)	Average Range	50 40-59	43 38-50	44 28-69	40 28-62	37 28-44	37 32-43	29 25-34	45 43-46	46 40-54	42 41-43	40 25-69
Mineral Content (ppm)	Average Range	435 191-558	277 239-318	284 188-438	247 189-429	240 180-319	230 178-282	219 158-297	298 232-425	297 212-484	220 211-232	264 158-558
Hardness (ppm)	Average Range	160 71-250	131 113-158	108 69-213	112 87-181	108 84-142	110 85-141	118 103-127	158 109-276	119 85-169	85 78-94	116 69-276
pH (units)	Average Range	7.5 7.2-8.2	8.0 7.7-8.2	7.9 7.5-8.3	7.9 7.6-8.2	7.8 7.2-8.2	7.8 7.0-8.4	7.9 7.1-8.3	7.8 7.6-8.1	7.8 7.6-8.2	7.9 7.6-8.2	7.9 7.0-8.4
Temperature (deg F)	Average Range	71 68-75	72 64-77	72 65-79	75 70-81	71 63-83	68 57-76	71 62-76	74 62-86	75 63-87	75 66-84	72 57-87



COLIFORM BACTERIA Testing Results - Mar 2001

Groundwater Quality Report



Chlorine Level Average

Sample 0.3 to 1.2 ppm

Monthly Average 0.8 ppm



“PPM” means one part per million & is about the same as one second of time in 11.6 days.

To give you a more accurate measurement of the water quality in your neighborhood, the Tucson Water service area has been divided into 10

zones based on differences in water pressure and water quality. For a detailed description of the zone boundaries, call 791-4331.